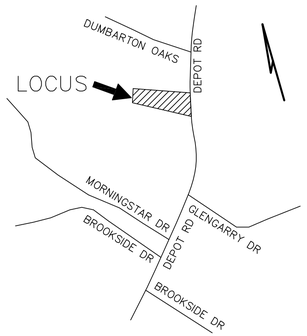
LOCUS MAP

NOT TO SCALE



SOIL CLASS: 460 PENNICHUCK

(SOURCE: USDA–SCS SOIL SURVEY)

BENCH MARKS: DATUM = ASSUMED

#1 SET NAIL BASE TREE EL 48.90

#2 SET NAIL BASE TREE EL 43.80

#3 SET NAIL STUMP EL 47.80

DESIGN INTENT:

1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 49.5
2. THERE IS/ARE APPROX 0.9 FT ABOVE ORIGINAL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. (EL 48.6)

SUITABLE REPLACEMENT AREA:

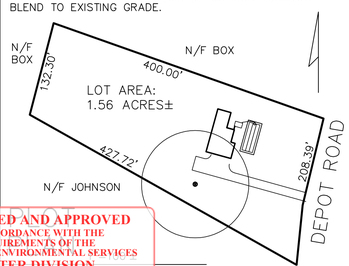
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

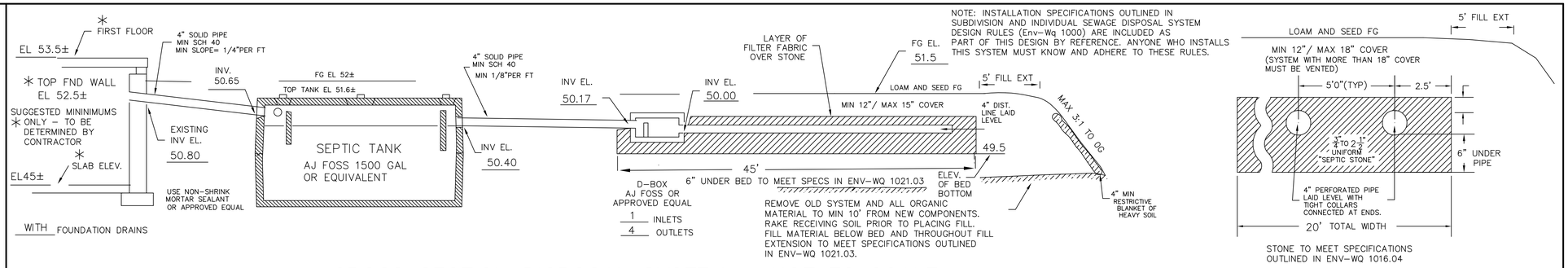
LEGEND:

50	EXISTING CONTOUR
(50)	PROPOSED CONTOUR
50.0	EXISTING SPOT ELEVATION
(50.0)	PROPOSED SPOT ELEVATION

NOTES:

1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE: RCRD PLANS D9926, D10976
2. WS&PCD SUBDIVISION APPROVAL #15145 (1979) PREVIOUS CONSTRUCTION APPVL # 97360 (8/16/82)
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. a) NO SURFACE WATER WITHIN 75' OF PROPOSED SYSTEM
   b) NO WELLS WITHIN 75'
   c) NO HYDRIC B SOILS WITHIN 75'
   d) NO HYDRIC A SOILS WITHIN 75'
5. DESIGNER MUST BE CONSULTED FOR ANY PROPOSED CHANGES OR ERRORS/DISCREPANCIES FOUND DURING SYSTEM INSTALLATION. (603 929–7404) INSTALLER IS RESPONSIBLE FOR ANY TOWN PERMITS OR INSPECTIONS REQUIRED FOR THIS INSTALLATION.
6. SUBJECT PROPERTY IS NOT LOCATED WITHIN A FEDERALLY DESIGNATED FLOOD HAZARD ZONE.
7. PROPOSED CONTOURS SHOWN ARE MINIMUM REQUIRED. ADDITIONAL FILL MAY BE DESIRED FOR MORE GRADUAL BLEND TO EXISTING GRADE.



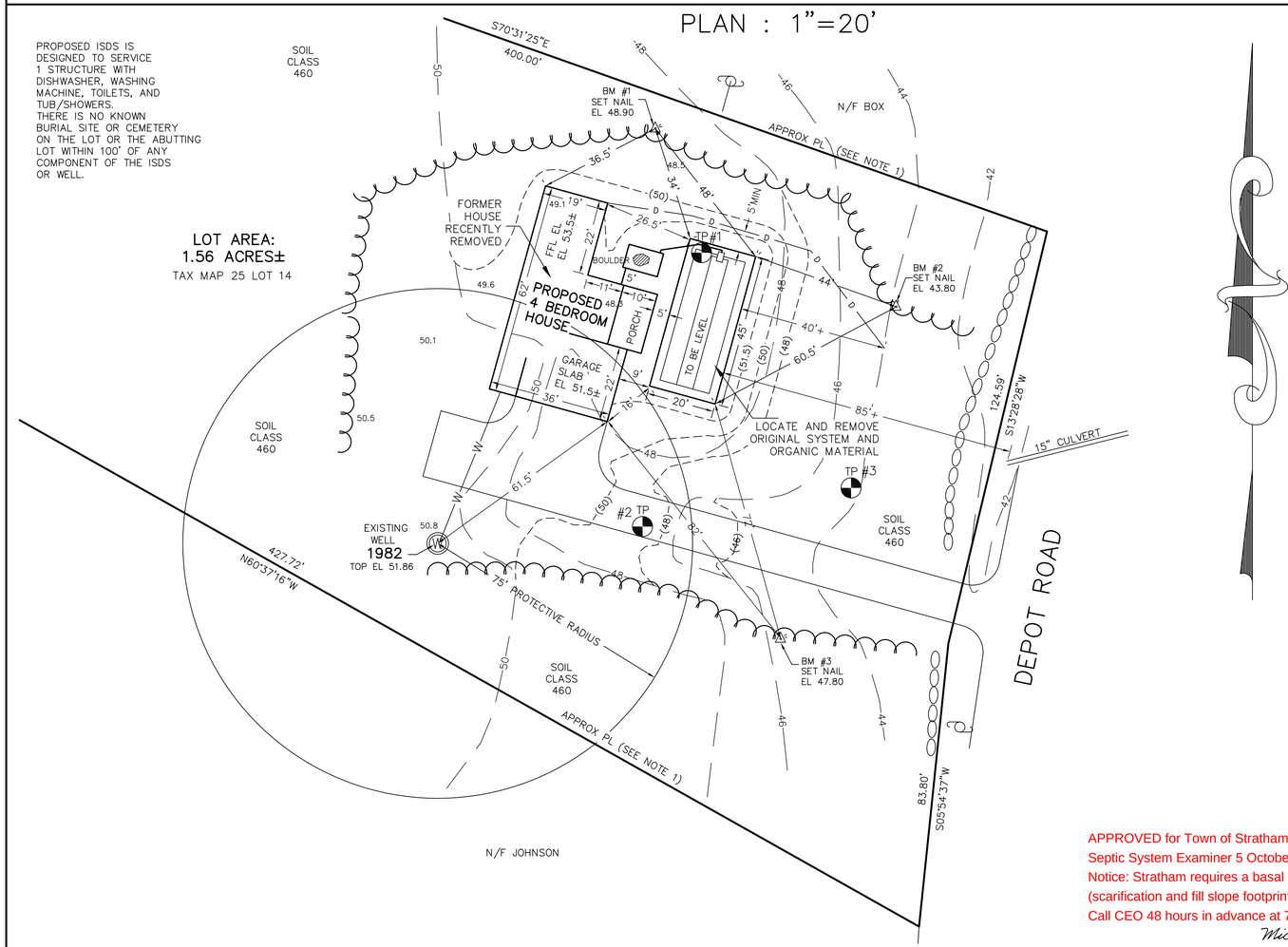


NOTE: INSTALLATION SPECIFICATIONS OUTLINED IN SUBDIVISION AND INDIVIDUAL SEWAGE DISPOSAL SYSTEM DESIGN RULES (Env–Wq 1000) ARE INCLUDED AS PART OF THIS DESIGN BY REFERENCE. ANYONE WHO INSTALLS THIS SYSTEM MUST KNOW AND ADHERE TO THESE RULES.

STONE TO MEET SPECIFICATIONS OUTLINED IN ENV–WQ 1016.04

CROSS SECTION DISPOSAL SYSTEM – NOT TO SCALE

PLAN : 1"=20'



PROPOSED ISDS IS DESIGNED TO SERVICE 1 STRUCTURE WITH DISHWASHER, WASHING MACHINE, TOILETS, AND TUB/SHOWERS. THERE IS NO KNOWN BURIAL SITE OR CEMETERY ON THE LOT OR THE ABUTTING LOT WITHIN 100' OF ANY COMPONENT OF THE ISDS OR WELL.

LOT AREA: 1.56 ACRES±

TAX MAP 25 LOT 14

APPROVED for Town of Stratham
Septic System Examiner 5 October 2016
Notice: Stratham requires a basal area inspection (scarification and fill slope footprint)
Call CEO 48 hours in advance at 772 4741
Michael Cuomo

TEST PIT DATA

DATE: SEPTEMBER 14, 2016

TOWN INSPECTOR: MIKE CUOMO

TEST PIT #1 48.6

0 –22" 10YR4/3 GRAVELLY FINE SANDY LOAM, FRIABLE GRANULAR
22–28" 10YR3/3 GRAVELLY FINE SANDY LOAM, FRIABLE GRANULAR
28–37" 10YR5/6 GRAVELLY FINE SANDY LOAM, FRIABLE BLOCKY
37–65" 2.5Y5/4 GRAVELLY FINE SANDY LOAM, FIRM MASSIVE W/REDOX
ESHWT AT 37", NO OBSERVED WATER, NO REFUSAL

TEST PIT #2 EL 46.5

0 –7" 10YR3/4 GRAVELLY FINE SANDY LOAM, FRIABLE GRANULAR
7–18" 10YR5/6 STONEY FINE SANDY LOAM, FRIABLE BLOCKY
18–52" 2.5Y4/4 STONY FINE SANDY LOAM, FIRM MASSIVE W/REDOX
ESHWT AT 18", NO OBSERVED WATER, NO REFUSAL

TEST PIT #3 EL 44.2

0 –7" 10YR3/4 GRAVELLY FINE SANDY LOAM, FRIABLE GRANULAR
7–38" 10YR5/4 STONEY FINE SANDY LOAM, FRIABLE BLOCKY
38–60" 2.5Y5/3 STONY FINE SANDY LOAM, FIRM MASSIVE W/REDOX
ESHWT AT 38", NO OBSERVED WATER, NO REFUSAL

PERC TEST DATA

DESIGN PERC RATE: 6 MIN/IN

DESIGN LOADING: PROPOSED 4 BEDROOM HOUSE

AREA REQUIRED: 900 SF REQUIRED

AREA PROPOSED: 20' X 45' = 900 SF PROVIDED

PROPOSED REPLACEMENT

SEPTIC SYSTEM PLAN

PREVIOUS CONSTRUCTION APPROVAL #97360 (8/16/82)
FORMER HOUSE RECENTLY DEMOLISHED

LOCUS: 41 DEPOT ROAD
STRATHAM, NH
TAX MAP 25 LOT 14

OWNER: HIGH HOUSE MANAGEMENT LLC
PO BOX 1321
NORTH HAMPTON, NH 03862–1321

NEW HAMPSHIRE Designer of Subsurface Disposal Systems ★★★ Anne W. Bialobrzeski No. 348 Department of Environmental Services

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843–1306
603 929–7404

DATE: OCTOBER 5, 2016

APPROVAL:

755

SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS

ENV–WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV–WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV–WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV–WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

REVIEWED AND APPROVED
IN ACCORDANCE WITH THE REQUIREMENTS OF THE NH DEPT OF ENVIRONMENTAL SERVICES
WATER DIVISION
Date: 10/7/2016
#eCA2016100710